TIMBABUILD®

EHB DUO

Product Description

Timbabuild® EHB DUO Professional manufactured by Chemfix, is a two-part thixotropic 1:1 ratio mix solvent free, epoxy based wood filler. It is specially designed for large and extensive repairs to areas of damaged and rot affected timber in both horizontal and vertical applications. It will also directly treat the timber to prevent any further occurences of decay. EHB DUO Professional displays high strength and impact resistance, and is cured and ready to paint within a 4 hour period (at 20-35°C).
EHB DUO is supplied in two separate cartridges (Base and Activator) that fit into any silicone type extrusion tool. Once cured, EHB DUO Professional can be machined, drilled and accepts nails, screws etc. EHB DUO Professional is coatable with most decorative wood finishes.
The special 'non-slump' formula allows it to seamlessly replace large sections of wood in applications such as windows, doors, beams, gutters, soffits and fascia's. This product has a minimum 24 month shelf life.

MADE IN BRITAIN

Key Features

- Solvent Free - suitable for indoors and outdoors.
- Thixotropic - Ideal for Vertical & Horizontal applications.
- **Use with ANY Silicone Tool for Easy Extrusion**.
- High Strength & Durability.
- Fast and Simple to Use, Easy to Clean and Store.
- Used with the EWS primer system.
- Cured and ready for painting within four hours (at 20-35°C).
- Suitable for Splicing Repairs and as an adhesive. (Lamination)
- Used in Renovation contracts to restore listed buildings.
- Epoxy formulation does not shrink and gives an excellent bond.

Available Sizes

2 X 180ml Silcone Types Cartridges
Packed 6 x 360ml per carton outer

Conforms to
ISO 9001 & 14001

4 Hour Cure

Thixotropic

Typical Hardening Time*

Curing Times (Hrs)						
Sample Size (cm)			Temperature (°C)			
Thickness	Width	Length	5	15	25	35
6	3	10	25	4	3.5	3
2	3	10	30	8	4	3
1	3	10	32	10	4	3.5
0.5	3	10	35	12	4.5	4

Wood may absorb a stain differently to the filler. We would always advise use of a test panel when working with stains and varnishes.

Typical Physical Property

EHB60 Professional			STORAGE / SHELF LIFE	IMPORTANT
APPEARANCE - CREAM MIXED DENSITY g/cm³ - 1.10 MIX RATIO 1:1 Available for download at www.timbabuild.co.uk			This product should be stored between +5°C & +35°C and away from direct sunlight. The Shelf life of the product is 24 months from the manufacture date.	The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Chemfix Products cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.

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Preparation & Mixing

Prior to application, all surfaces should be clean and sound. See preparation information on Timbabuild® EWS. data sheet prior to application of Timbabuild Wood Repair Systems.

1) Install the green capped BASE cartridge into any silcone sealant tool, remove the green cap and slowly extrude the desired amount of material onto a suitable mixing board. Replace the cap immediately after use. This should be equal to half of the total of the filler that you plan to use.

Install the red capped ACTIVATOR cartridge into any silcone sealant tool, remove the red cap and slowly extrude an equal amount by volume beside the BASE component. The volume accuracy is important and must remain as accurate as possible. Replace the cap immediately after use.

2) Mix with a spatula of knife until a smooth, even coloured, streak-free mix is obtained.

3) Ensure that the filler is scraped clear of the board and spatula at least once during mixing. This ensures that both base and activator are thoroughly mixed together and no unmixed material will be used.

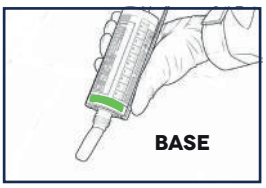
Application

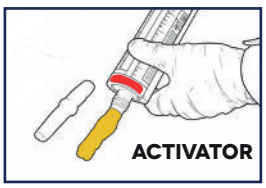
1) Spread a small amount of EHB DUO Professional using a spatula, knife or similar tool onto the exposed timber to ensure that no air is trapped.

2) The EHB DUO Professional can then be moulded into the hole leaving it slightly proud with a smooth and even surface.

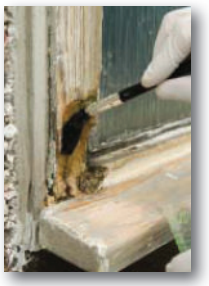
3) Alternatively, a clean, smooth flexible piece of plastic can be placed over the EHB DUO Professional to act as a shuttering. Once the EHB DUO Professional has cured the plastic can be removed leaving a smooth level surface.

Refer to the Timbabuild® Repair Guide for further information.





EWS Primer System



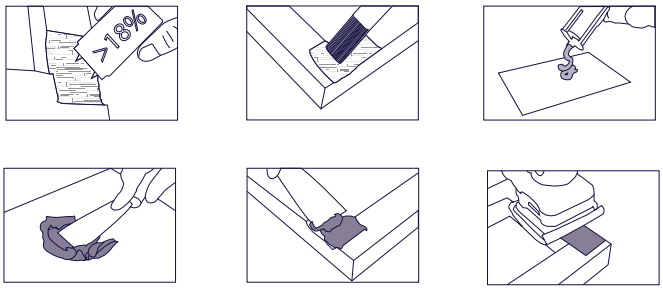
Epoxy Wood Stabiliser
Packed 4 x 300ml per carton outer.

EWS primer system is a specially designed two-part low viscosity, solvent free, resin solution which is designed to strengthen weakened wood fibres by penetrating deep into the wood. The product is used as a primer in conjunction with the Timbabuild Wood Repair systems.
Once the damaged, decayed and discoloured wood has been removed by use of a suitable cutter tool such as a router or chisel, then the area to be treated is lightly sanded to ensure excellent adhesion. The moisture content of the wood should be no greater than 18% (check using a standard moisture meter) and damp wood should be allowed to dry naturally, or by way of a hot air gun.
The two components are mixed manually into a separate container, and thoroughly agitated for one minute. The 2:1 mixing ratio should be strictly observed. EWS should be applied directly onto bare wood in the repair area using a standard brush and then left to cure for 20 minutes, prior to carrying out the repair. The repair can then be applied when the EWS is still wet but before it is cured (usually after around 4 hours) Please refer directly to the Timbabuild® EWS data sheet for more details.

Health & Safety

Timbabuild® EHB DUO Professional Base component is classified as an irritant and the activator is classified as corrosive. Ensure protective clothing is worn during use. If material comes into contact with the skin wash off with plenty of soap and water. If irritation persists or a rash appears seek medical advice.

For further information refer to the Material Safety Data Sheet.



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